

OPEN-FILE REPORT  
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EXPLANATION

**OVERBURDEN ISOPACHS**--Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m).

**MINING-RATIO CONTOUR**--Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas within the stripping limit.

**BOUNDARY OF RESERVE BASE COAL**--Drawn along the 5-foot coal isopach. Arrows point toward area of Reserve Base coal.

**STRIPPING LIMIT LINE**--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining.

**DRILL HOLE**--Showing thickness of overburden, in feet.

To convert cubic yards of overburden per short ton of recoverable coal to cubic meters of overburden per metric ton of recoverable coal, multiply by 0.84.

To convert feet to meters, multiply feet by 0.3.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL  
MAPS OF THE BEAR CREEK SCHOOL QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA

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1979

PLATE 16  
OVERBURDEN ISOPACH AND  
MINING RATIO MAP OF THE  
LOCAL COAL BED ABOVE  
THE WADDLE